

Lake County Department of Utilities
2014 Revisions to the Rules and Regulations
Effective September 1, 2014
Item 13 Effective January 1, 2015
Executive Summary

The Lake County Department of Utilities has completed its annual review of our Rules and Regulations. As a result of our review there were several changes to the document to correct minor errors, such as typographic errors and minor clarifications, and more importantly to better define the way the Utilities Department does business.

Revision to Rules and Regulation Review Committee:

1. Page 1-6, 1-9, 1-10 Section 1, General Sewer and Water, Definition # 48. Rules and Regulations review board. Deleted the five person board and replaced with a committee from the LCDU Engineering Staff. This allows the committee to meet with more or less than the five persons on an as needed basis. Deleted A. New products on page 1-9. We currently have a new products review committee that approve products separate from the Rules and Regulations review board. 1-9 and 1-10 Meeting and Rules, 1.) Added that the Rules and Regulations review board meet at least once a year and deleted “on the first Monday in January” This allows the committee more flexibility to meet.

Revision to Billing Review Board:

2. Page 1-1, Section, 1, General Sewer and Water; Definitions #9, Billing Review Board: Further clarified that the Executive Director will appoint three or more persons to the Billing Review Board.

Clarification to waterline plan requirement:

3. Page 1-21; Section 1.09.EE, Plan Submission and Review: Added “new waterlines” and deleted “streets”. Added language for sizing replacement waterlines. The reason for the change is to allow for the most effective size to be used for water system quality.

Clarification to maintain current basis for capacity fee calculations:

4. Page 1-48, 1-49 and I-3, Section 1, 1.38.E. 2. Water Treatment Plant Capacity Fee and 1.47 Sanitary Wastewater Treatment Plant Capacity Fee: Deleted language that references to ever changing OEPA Flow Guidelines shall be used. Deleted the hyperlink it is no longer an active OEPA site. Clarified note R.E.U. (Residential Equivalent Units) The reason for change is that there is a “draft” OEPA flow guidelines. The “draft” guidelines need clarification if criteria are commutative or alternative. The draft OEPA Flow Guidelines standards will generally result in higher flow values, thus high fees for customers. This item is to be reexamined upon OEPA adoption of final criteria.

Revision to abandonment procedure:

5. Page 1-42, Section 1.36.K., Razing of Building-Abandoned Services: Added language advised by the Lake County Prosecuting Attorney.

Clarification language for steps to abandon services:

6. Page 1-43, Section 1.36K. 5 and K.6, Razing of Building-Abandoned Services: Deleted some of current K.5. Added a new K.6. This was advised by the Lake County Prosecuting Attorney.

Clarification of language regarding easements:

7. Page 1-50, Section 1.40, Water Services (A): Changed the wording from “a deed of easement” to “an easement agreement”. The reason for the revision is for conformance with standard real estate terminology.

Clarification to convey current requirements of 3 year maintenance bond:

8. Page A-2 Section 1, Exhibit A, General Water Notes, Page, B-2, Exhibit B, General Sewer Notes: Added a note in both exhibits that a three (3) year maintenance bond is required by the contractor for any and all public extensions. This language relays the existing requirement of section 1.03.I to contractor performing the work.

Clarified terminology for current requirement for clean outs:

9. Page 3-12, 3-13 Section 3 Page C-5 & C-6, and Fig. 3.14.8 Residential Lateral Inspection Port Detail: Current rules and regulations state “no outside cleanouts are allowed” but we currently have a detail (fig. 3.14.8) that shows a “lateral inspection port” on a sanitary lateral. We changed the statement to require “lateral inspection port”. Added language to keep top of inspection port 12” below grade per detail. Figure 3.14.8 note 2 re-written to replace the “clean out” term with “lateral inspection port.”

Language consistently for “non-residential”:

10. Page 1-1, 1-20, 1-21, 1-23, 1-44, 1-50, 1-56, 1-57, 1-63, 1-64, 1-74, C-3, C-6, I-3, 2-10, 2-11, 2-18, 2-19, 3-2, 5-11, 5-12, 5-15, 5-17, 5-21, Various Sections: Remove the “commercial” term and replace with “non-residential” to be consistent with definitions and clearly define the requirements associated with residential and non-residential properties.

Revision to provide consistency between waterline trench details and written language in Rules and Regulations:

11. Page 2-11, 2-15, Section 2.16.16A, Bedding and Backfill, Fig. 2.22.1, Trench and Bedding Details: Changes provide consistency between standard details and written text. Delete note #5 waterline bedding shall be class C. Revise Note #3. Changes made due to conflicts with note #3 and #5. Typically all bedding shall be class C unless otherwise noted on approved plans and specifications. Deleted note to the right of detail Fig. 2.22.1. Note conflicts with text which conflicts with 2.16C. Written rule calls for ODOT 304 under and within 3’ if pavement and structures. Revise note #5 to prohibit recycled

concrete. Add ODOT 703.06 sand. Reason for the change is that fig. 2.22.1 calls for #57 limestone and conflicts with 2.16.A, which calls for ODOT 703.6 (sand) for class "B". Delete 2.16A, Delete note #5 in figure 2.22.1, and revise note # 3. Consistency between figure and text clarify situation for required bedding class. Revise 2.16 C by adding trench and under pavement and outside of pavement. Deleted "fine" and add "granular" replaced #46 & 57 with ODOT 304 in Fig. 2.22.1. Also revised page 2-15 to follow local street department requirements.

Revision to improve hydraulic conditions at the end of sanitary sewers:

12. Page 3-1, Section 3.01, General Requirements: Added language that will increase flow velocities in dead end sanitary sewer runs to reduce the chance of blockages and lateral backups.

Revision to address water in basement:

13. Page 3-12 and 3-13 Section 3.10, Service Connections: Deleted language that allows basement service. Added language to prohibit gravity service to points lower than the rim of the nearest manhole. These precautions will reduce the chance of sanitary sewer backups. Also, further clarify the material used for residential and material used for non-residential sewer service lines. This item 13 is effective January 1, 2015.

Clarification of Grease Interceptor sizing:

14. Page Q-1, Section 5, Exhibit Q, Guidance Document for Sizing and Installation of Grease Interceptors: Clarified that calculations performed by a licensed professional engineer to determine the exact size required with approval of the sanitary engineer.

Revisions to improve water tightness of manholes structures:

15. Figure 3.6.4, Cut-in-manhole; Figure 3.6.5, Sampling & Metering Manhole; Figure 3.6.1 Type "A" Manhole; Figure 3.6.2, Type "B" Manhole; Figure 3.9.3, Oil Separator; Figure 3.11.1, Air Release Manhole; Figure 3.8.1, Outside Drop Connection, Figure 3.9.2, Grease Trap; Figure 3.6.3, Shallow Precast Manhole: Made various changes to details to improve long term water tightness of manholes.